
Goddard DAAC Status

Stephen Wharton

presentation to MODIS Science Team

June 24, 1998

GDAAC Status

- SSI&T:
 - » PGE01-02-03 chain test completed; Runtime = 4.5 hrs; 15 min data in, 5 min data out
 - » PGE01-02 chain test complete; Runtime single process (4 hours; 15 min data in, 5 min data out), multiple process (5 hours; 105 min data in, 95 min data out)
 - » PGE04, PGE07, PGE08, PGE11 integrated and successful run in ECS PDPS
 - » PGEs 09,17,19 completed Integration I SSIT, Integration II in progress
 - » Need test data to benchmark L1, L2 processing (min 6 hours, 24 hours preferred)
- Operational Readiness:
 - » 23 ORE's for L1 processing
 - » 11 test procedures drafted; 12 operational procedures drafted
 - » 13 depend on ECS release 4P
 - » test scheduled for: launch - 9 to launch - 7 (weeks)

GDAAC Unique Extensions

- Supplemental data distribution capacity.
- Subsets and Derived Products
 - » Images from Level 1B
 - Risk mitigation of “spectacular event scenario” (massive ordering of full-resolution science products)
 - Worldwide coverage at 1-2 km resolution
 - Special interest coverage at 250-m resolution
 - » L1B channel subsets for CERES/LaTIS
 - » L1B spatial subsets for land-grant universities
 - » Subsampled L1B for atmospheric/climate studies
 - » MODIS “Sampler” (sample full-resolution data for each product)
- DAAC-Unique ESDTs
 - » Ancillary data
 - » Subsets/Derived Products

GSFC DAAC Launch Readiness

| PGE Name | Delivered | Integrated | Chained | Duty Cycle | Ops Readiness |
|-----------------|------------------|-------------------|----------------|-------------------|----------------------|
| PGE01 (2.1) | 4/15/98 | 5/8/98 | 5/20/98 | 100% | |
| PGE02 (2.0) | 1/29/98 | 3/18/98 | 5/20/98 | 100% | |
| PGE03 | 2/18/98 | 4/27/98 | 5/26/98 | 100% | |
| PGE04 | 3/20/98 | 5/28/98 | in progress | | |
| PGE05 | 3/16/98 | in progress | 7/31/98 | | |
| PGE11 (2.2) | 1/7/98 | 6/9/98 | on hold | | |
| PGE17 | 4/17/98 | in progress | 8/7/98 | | |
| PGE19 | 4/17/98 | in progress | 8/7/98 | | |
| PGE09 | 5/7/98 | in progress | 8/14/98 | | |
| PGE12 (V2.1) | 6/12/98 | | | | |
| PGE13 (V2.1) | 6/12/98 | | | | |
| PGE14 (V2.1) | 6/12/98 | | | | |
| PGE06 | 6/18/98 | 7/14/98 | 8/14/98 | | |
| PGE07 (V2.1) | 6/8/98 | in progress | | | |
| PGE20 | | | | | |
| PGE10 | 5/22/98 | on hold | | | |
| PGE49 | | | | | |
| PGE50 | | | | | |
| PGE53 | | | | | |
| PGE54 | | | | | |
| PGE69 | | | | | |
| PGE56 | | | | | |
| PGE16 | 6/22/98 | | | | |
| PGE15 (V2.1) | 6/12/98 | | | | |
| PGE08 (V2.1) | 6/10/98 | in progress | | | |